



LSI Logic Corporation  
1621 Barber Lane  
MS: AD-106, Legal  
Milpitas, CA 95035  
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Intellectual Property Paralegal

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## REMARKS:

☐ Urgent☐ For your review☒ Reply ASAP☐ Please comment

Application Number: 10/728,492  
Filing date: December 05, 2003  
First named inventor: Hung, Eric  
Attorney docket number: 03-1237

Transmitted herewith for filing via facsimile:

- Transmittal Form PTO/SB/21
- Information Disclosure Statement (letter)
- Information Disclosure Statement by Applicant PTO/SB/O8A

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PTO/SB/21 (09-04)

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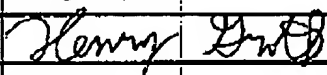
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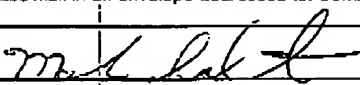
<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/728,492	
	Filing Date	December 05, 2003	
	First Named Inventor	Hung, Eric	
	Art Unit	2818	
	Examiner Name	N/A	
Total Number of Pages in This Submission	3	Attorney Docket Number	03-1237

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks <div style="text-align: center;">- IDS Filing</div>		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	LSI Logic Corporation		
Signature			
Printed name	Henry Groth		
Date	7/14/2005	Reg. No.	39,696

**CERTIFICATE OF TRANSMISSION/MAILING**

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Signature			
Typed or printed name	Mark Salvatore	Date	7-15-05

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of :**

Eric Hung et. al.

**Serial No. :** 10/728,492

**Filed :** December 05, 2003

**For :** Low Power Memory Controller  
with Leaded Double Data Rate  
DRAM Package Arranged on a  
Two Layer Printed Circuit Board

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**Group Art Unit:** 2818

**Examiner :**

**Atty Docket :** 5201-27600 / 03-1237

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**Commissioner for Patents**  
**P. O. Box 1450**  
**Alexandria, VA 22313-1450**

Dear Sir:

The references listed in the attached form, copies of which are attached, may be material to examination of above-identified application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR 1.56 and 1.97.

It is requested that the information disclosed herein be made of record in the application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

If it is determined that any additional fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 12-2252.

LSI Logic Corporation  
1621 Barber Lane, MS D-106  
Milipitas, CA 95035  
408-433-7475

Date: 7/14/2005

Respectfully submitted,

Henry G. H.

Henry Groth

Reg. No. 39,696

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PTQ/SB/08A (07-05)

Approved for use through 07/31/2005. OMB 0651-0031

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Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

**Complete if Known**

|                        |                   |
|------------------------|-------------------|
| Application Number     | 10/728,492        |
| Filing Date            | December 05, 2003 |
| First Named Inventor   | Hung, Eric        |
| Art Unit               | 2818              |
| Examiner Name          | N/A               |
| Attorney Docket Number | 03-1237           |

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|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

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